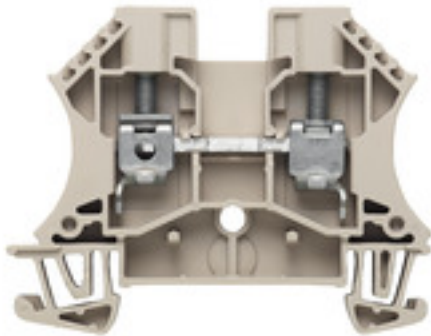


WDU 6 PACK**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Product image**

Similar to illustration

Klippon® Connect with clamping yoke Technology

The high reliability and variety of designs of the terminal blocks with clamping yoke connections make planning easier and optimises operational safety. Klippon® Connect provides a proven response to a range of different requirements.

General ordering data

Version	Feed-through terminal, Screw connection, 6 mm ² , 800 V, 41 A, dark beige
Order No.	1781740000
Type	WDU 6 PACK
GTIN (EAN)	4032248174706
Qty.	1 pc(s).

WDU 6 PACK

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Technical data

Dimensions and weights

Depth	46.5 mm	Depth (inches)	1.831 inch
Depth including DIN rail	47 mm	Net weight	182 g

Temperatures

Storage temperature		Operating temperature range	For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity
	-25 °C...55 °C		
Continuous operating temp., min.	-60 °C	Continuous operating temp., max.	130 °C

Material data

Material	Wemid	Colour	dark beige
UL 94 flammability rating	V-0		

Rating data IECEx/ATEX

Certificate No. (ATEX)	DEMKO14ATEX1338U	Certificate No. (IECEx)	IECExULD14.0005U
Max. voltage (ATEX)	690 V	Current (ATEX)	41 A
Wire cross section max. (ATEX)	6 mm ²	Max. voltage (IECEx)	690 V
Current (IECEx)	41 A	Wire cross section max. (IECEx)	6 mm ²
Operating temperature range	For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity	Marking EN 60079-7	
Ex 2014/34/EU label	II 2 G D		Ex eb II C Gb

System specifications

Version	Screw connection, for screwable cross-connection, One end without connector	Number of levels	1
Number of clamping points per level	2	Number of potentials per tier	1
Levels cross-connected internally	No	PE connection	No
Rail	TS 35		

Additional technical data

Type of mounting	Snap-on
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Conductors for clamping (rated connection)

Blade size	0.8 x 4.0 mm
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Technical data

Clampable conductor	Connection specification		Screw connection	
	Cross-section for conductor connection	Type	solid, H05(07) V-U	
		min.	0.5 mm ²	
		max.	10 mm ²	
		nominal	6 mm ²	
	wire end ferrule	Stripping length	min.	12 mm
			max.	12 mm
			nominal	12 mm
		Tightening torque	min.	0.8 Nm
			max.	1.6 Nm
		Recommended wire-end ferrule		
	Connection specification		Screw connection	
	Cross-section for conductor connection	Type	stranded, H07V-R	
		min.	1.5 mm ²	
		max.	10 mm ²	
		nominal	6 mm ²	
	wire end ferrule	Stripping length	min.	12 mm
			max.	12 mm
			nominal	12 mm
		Tightening torque	min.	0.8 Nm
			max.	1.6 Nm
		Recommended wire-end ferrule		
	Connection specification		Screw connection	
Cross-section for conductor connection	Type	flexible, H05(07) V-K		
	min.	0.5 mm ²		
	max.	10 mm ²		
	nominal	6 mm ²		
wire end ferrule	Stripping length	min.	12 mm	
		max.	12 mm	
		nominal	12 mm	
	Tightening torque	min.	0.8 Nm	
		max.	1.6 Nm	
	Recommended wire-end ferrule			
Clamping range, min.		0.22 mm ²		
Clamping screw		M 3.5		
Number of connections		2		
Stripping length		12 mm		
Type of connection		Screw connection		

General

Rail	TS 35
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Rating data

Power loss in accordance with IEC 60947-7-x		Rated cross-section	
	1.31 W		6 mm ²
Rated voltage		Rated current	
	800 V		41 A
Volume resistance according to IEC 60947-7-x			
	0.78 mΩ		

WDU 6 PACK

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Technical data

Classifications

ETIM 6.0	EC000897	ETIM 7.0	EC000897
ECLASS 9.0	27-14-11-20	ECLASS 9.1	27-14-11-20
ECLASS 10.0	27-14-11-20	ECLASS 11.0	27-14-11-20

Approvals

Approvals



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User Documentation

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